

REMARKS/ARGUMENTS

The foregoing amendment and the following arguments are provided to impart precision to the claims, by more particularly pointing out the invention, rather than to avoid prior art.

Disclosure Objections

Examiner objected to the disclosure because on page 2, paragraph 0002, at line 2, "plat" appears to be a typographical error of "plate". The disclosure has been corrected.

Drawing Objections

Examiner objected to the drawings under 37 C.F.R. § 1.83(a). Claims have been canceled.

35 U.S.C. § 103(a) Rejections

Examiner rejected claims 1-10, 12-22, and 24-28 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent 5,763,951 (hereinafter "Hamilton") in view of U.S. Patent 6,432,320 (hereinafter "Bonsignore").

To establish *prima facie* obviousness of a claimed invention, all the claim limitations must be taught or suggested by the prior art. *In re Royka*, 490 F.2d 981, 180 USPQ 580 (CCPA 1974). (Manual of Patent Examining Procedure (MPEP) ¶ 2143.03).

Applicant's independent claims 1, 13 and 25 include the claim limitation that are not disclosed nor suggested by Hamilton nor Bonsignore. As a result, applicant's claims 1, 13 and 25 are patentable over Hamilton in view of Bonsignore.

In particular, applicant's independent claims include the limitation, or limitation similar thereto, of:

a fluid loop coupled to the plate to circulate fluid and have the fluid absorb heat from the plate, the fluid containing magnetic nanoparticles; and
a magnetic pump to circulate the fluid through the fluid loop.
(Applicant's amended claim 1).

Neither Hamilton nor Bonsignore discloses the limitation of the fluid containing magnetic nanoparticles; and a magnetic pump to circulate the fluid through the fluid loop as added to applicant's independent claims 1, 13 and 25. As a result, applicant's claims 1, 13 and 25 are patentable over Hamilton in view of Bonsignore.

Furthermore, the remaining claims depend from at least one of the independent claims as discussed above, and therefore also include the distinguishing claim limitations. As a result, applicant's remaining dependent claims are also patentable over Hamilton in view of Bonsignore.

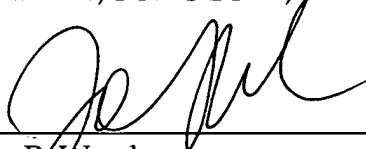
CONCLUSION

Applicants respectfully submit the present application is in condition for allowance. If the Examiner believes a telephone conference would expedite or assist in the allowance of the present application, the Examiner is invited to call John Ward at (408) 720-8300, x237.

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN



Date: January 25, 2005

John P. Ward
Reg. No. 40,216

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8300